

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/689,767

Confirmation No.:

**Applicant** 

Mark Hamm, et al.

Filing Date

October 20, 2003

Title

An Improved Transducer/Sensor Assembly

Group Art Unit

not yet assigned

Examiner

not yet assigned

Docket No.

701470.4072

Customer No.

34313

Mail Stop Non-Fee Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

#### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449. In accordance with the USPTO waiver of the requirement under 37 CFR 1.98(a)(2)(i), only copies of foreign patent documents and non-patent literature are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

#### CERTIFICATE OF MAILING (37 CFR §1.8)

I hereby certify, pursuant to 37 CFR §1.8, that I have reasonable basis to expect that that this paper or fee (along with any referred to as being attached or enclosed) would be mailed or transmitted on or before the date indicated with the United States Postal Service with sufficient postage as first class mail on the date shown below in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Dated: January 20, 2003

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DOCSOC1:146585.1

Applicant Appl. No. Examiner Docket No. Mark Hamm, et. al 10/689,767 not yet assigned not yet assigned

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## INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

$\boxtimes$	This ID	OS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b),
that is	(1) with	nin three months of the filing date of the application, which is not a continued
prosec	cution a	pplication filed under § 1.53(d); or (2) within three months of entry of the national
stage	as set f	orth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the
merits	; or (4)	before the mailing of a first Office action after filing a request for continued
examir	nation u	under § 1.114. Thus, no fee is required.
	$\boxtimes$	However, if the undersigned is in error in this regard, Applicant respectfully
		requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if
		applicable, and charge the fee due under 37 CFR §1.17(p) to the deposit
		account referenced below.
		However, if the undersigned is in error in this regard, Applicant respectfully
		requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if
•		applicable, and a statement under 37 CFR § 1.97(e) is included below, thus
		no fee is required.
	This IE	OS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office
action	on the	merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance
under	37 CFF	R § 1.311.
		The fee due under 37 CFR § 1.17(p) is submitted herewith.
		A statement under 37 CFR § 1.97(e) is included below, thus no fee is
		required. In the event that this IDS is not received before a Final Action or a
		Notice of Allowance, then Applicant respectfully requests that the Office
		consider the filing of these papers to be submitted under 37 CFR § 1.97(d)
		and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.
	This ID	OS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37
CFR §	1.113	or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue
fee. A	statem	nent under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR
§ 1.17	(p) is sı	ubmitted herewith.

JAN 2 2 2004"

Applicant Appl. No. Examiner Docket No. Mark Hamm, et. al 10/689,767 not yet assigned not yet assigned

# STATEMENT UNDER 37 CFR § 1.97(e):

	Each item contained in this IDS was first	cited in any communication from a foreign
pate	nt office in a counterpart foreign application	not more than three months prior to the filing o
this	IDS.	
$\boxtimes$	No item contained in this IDS was cited in	n a communication from a foreign patent office
in a	counterpart foreign application, and, to the l	knowledge of the person signing this statement
afte	making reasonable inquiry, no item of infor	mation contained in this IDS was known to any
indiv	vidual designated in 37 CFR § 1.56(c) more	than three months prior to the filing of this IDS.
	PAYMENT AND/OR AUTHOR	RIZATION TO CHARGE FEES:
	A check in the amount of is enclose	sed for the above fee(s).
	Please charge to Deposit Account	t No. <b>15-0665</b> for the above fee(s).
$\boxtimes$	The Commissioner is authorized to charge	ge any fees required by the filing of these
рар	ers, and to credit any overpayment to Orrick	, Herrington & Sutcliffe's Deposit Account
No.	15-0665.	
		Respectfully submitted,
		ORRICK, HERRINGTON & SUTCLIFFE LLP
Date	ed: January 20, 2004	By: Joseph K. Liu Reg. No. 51,957
ORF	RICK. HERRINGTON & SUTCLIFFE LLP	

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Dire 3				Application Number	10/689,767	
8	NFORMATION	N DISCLOSUR	RE	Filing Date	October 20, 2003	
N 2 2 2004	STATEMENT I	BY APPLICAN	1T	First Named Inventor	Mark Hamm, et al.	
l H				Art Unit	not yet assigned	
Sheet	(use as many she	eets as necessary)		Examiner Name	not yet assigned	
Sheet	1	of	2	Attorney Docket Number	701470.4072	

		U.S. PA	ATENT DOCUMENTS	-
Examiner		U.S. Patent Document	Publication Date	Name of Patentee or
Initials	Cite No.1	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document
	1.	4,571,520	02/18/1986	Saito et al.
	2.	4,802,487	02/07/1989	Martin et al.
	3.	4,841,977	06/27/1989	Griffith et al.
	4.	4,911,170	03/27/1990	Thomas, III et al.
	5.	4,917,097	04/17/1990	Proudian, deceased et al.
	6.	5,002,058	03/26/1991	Martinelli
	7.	5,109,861	05/05/1992 .	Walinsky et al.
	8.	5,115,810	05/26/1992	Watanabe et al.
	9.	5,240,004	08/31/1993	Walinsky et al.
	10.	5,353,798	10/11/1994	Sieben
	11.	5,368,035	11/29/1994	Hamm et al.
	12.	5,503,154	04/02/1996	Belef
	13.	5,577,506	11/26/1996	Dias
	14.	5,738,100	04/14/1998	Yagami et al.
	15.	5,902,245	05/11/1999	Yock
	16.	5,947,905	09/07/1999	Hadjicostis et al.
	17.	6,078,831	06/20/2000	Belef et al.
	18.	US 6,200,269 B1	03/13/2001	Lin et al.
	19.	US 6,210,356 B1	04/03/2001	Anderson et al.

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.1	Foreign Patent Document Country <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>		

	•	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials'	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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Examiner	DOCSOC1:146589.1	Date	
Signature		Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicants unique citation designation number (optional). <sup>2</sup>See Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is govern by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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,	Substitute for form 1449A/PTO			Complete if Known		
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	<b> </b>			Art Unit	not yet assigned	
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	Sheet 2	of	2	Attorney Docket Number	701470.4072	

			ATENT DOCUMENTS	
Examiner	1	U.S. Patent Document	Publication Date	Name of Patentee or
Initials	Cite No.1	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document
	20.	US 6,261,246 B1	07/17/2001	Pantages et al.
	21.	US 6,283,920 B1	09/04/2001	Eberle et al.
	22.	US 6,457,365 B1	10/01/2002	Stephens et al.
	23.	US 6,529,760 B2	03/04/2003	Pantages et al.
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		FOREIGN PA	TENT DOCUMENTS		
Examiner Initials	Cite No.1	Foreign Patent Document Country <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sub>6</sub>
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•		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials'	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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